#### 506042064 05/01/2020

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BIN LI	03/09/2016
JIZHENG XU	03/09/2016
GARY J. SULLIVAN	03/22/2016

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16783852

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KYLE B. RINEHART, KLARQUIST SPARKMAN, LLP **Correspondent Name:** 

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ATTORNEY DOCKET NUMBER:	3382-91907-17
NAME OF SUBMITTER:	KYLE B. RINEHART
SIGNATURE:	/Kyle B. Rinehart/
DATE SIGNED:	05/01/2020

### **Total Attachments: 6**

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> **PATENT REEL: 052552 FRAME: 0726** 506042064

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> PATENT REEL: 052552 FRAME: 0727

### PATENT ASSIGNMENT

subject matter ("INVENTION") di "FEATURES OF INTRA BLOCK CO AND DECODING" ("APPLICATION will be filed. AS legal representa Microsoft Way, REPRESENTATIV and given Appli Office of the Pe	isclosed and/or claime OPY PREDICTION MODE OFF A STATE OF THE OFF A STATE OFF	or an original joint inventor of ed in a patent application entitled FOR VIDEO AND IMAGE CODING rizes, and requests, ASSIGNEE'S chnology Licensing, LLC, One 98052 (ASSIGNEE'S LEGAL arentheses (filed on, by the State Intellectual Property na (RO/CN)) this APPLICATION's e, when known;
was filed on October 14, 2013, and was given Application No.  PCT/CN2013/085165 by the State Intellectual Property Office of the People's Republic of China (RO/CN);		
behalf of itself and its successor desirous of acquiring, the entire right of priority, in the INVENTION patents derived therefrom, such for the United States, its territor DERIVATIVES"));	rs and assigns ("ASSIG and exclusive rights, DN and the APPLICATIO as continuing applica- ries, and all foreign co izes, and requests, AS ing date, and Office in	title and interest, including the ON (and all other applications and ations, in whole or in part,in and untries ("APPLICATION  SIGNEE'S LEGAL REPRESENTATIVES
Application No.	Filing Date	Office

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR'S entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (APPLICATION DERIVATIVES));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Bu L	March 9,2016
Inventor's Signature	Date
Bin Li	<b>校</b>
Printed Name in English	Printed Name in Native Language (if
	other than English)

# PATENT ASSIGNMENT

of subject matter ("INVENTIC	DN") disclosed and/or c	nventor or an original joint inver laimed in a patent application FION MODE FOR VIDEO AND IMA	
CODING AND DECODING" ("A	APPLICATION"), which:		
legal repress Microsoft W. REPRESENTA and given A Office of the	entatives, of Microsoft and the second and the seco	horizes, and requests, ASSIGNEE Technology Licensing, LLC, One ton 98052 (ASSIGNEE'S LEGAL parentheses (filed on by the State Intellectual Prope Thina (RO/CN)) this APPLICATION fice, when known;	
PCT/CN201		I was given Application No. Intellectual Property Office of th );	ie:
behalf of itself and its succe desirous of acquiring, the er right of priority, in the INVE	ssors and assigns ("ASS ntire and exclusive righ NTION and the APPLICA such as continuing appl	nington limited liability company SIGNEE"), is entitled to, and is ts, title and interest, including to TION (and all other applications lications, in whole or in part,in a countries ("APPLICATION	he s and
ASSIGNOR hereby aut	horizes, and requests,	ASSIGNEE'S LEGAL REPRESENTA	TIVES
to insert the Application No. APPLICATION DERIVATIVES a	· · · · · · · · · · · · · · · · · · ·	e into the following table for any	i
Application No.	Filing Date	Office	
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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR'S entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (APPLICATION DERIVATIVES));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

John Hr.	Mar 9, 2016
Inventor's Signature	Date
Jizheng Xu	许继征
Printed Name in English	Printed Name in Native Language (if
	other than English)

# PATENT ASSIGNMENT

inventor of subject matter (	"INVENTION") disclosed RES OF INTRA BLOCK C	nal inventor or an original jo l and/or claimed in a patent OPY PREDICTION MODE FOR ON"), which:	
legal repres Microsoft W REPRESENT, and given A Office of th	entatives, of Microsoft /ay, Redmond, Washing ATIVES) to insert here in application No.	horizes, and requests, ASSIG Technology Licensing, LLC, ( ton 98052 (ASSIGNEE'S LEGA parentheses (filed on by the State Intellectual Pi Thina (RO/CN)) this APPLICAT	One L , roperty
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behalf of itself and its succe desirous of acquiring, the e right of priority, in the INVE patents derived therefrom, for the United States, its ter DERIVATIVES"));  ASSIGNOR hereby au to insert the Application No	essors and assigns ("AS) ntire and exclusive righ NTION and the APPLICA such as continuing app ritories, and all foreign thorizes, and requests, ., filing date, and Office	hington limited liability comp SIGNEE"), is entitled to, and interest, includin NTION (and all other applicati lications, in whole or in part, countries ("APPLICATION ASSIGNEE'S LEGAL REPRESEN tinto the following table for	s ng the ons and in and TATIVES
APPLICATION DERIVATIVES :		Office	

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR'S entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (APPLICATION DERIVATIVES)):

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

ANTALL	2016-03-22
Inventor Signature	Date
Gary J. Sullivan	
Printed Name in English	Printed Name in Native Language (if other than English)